

# Paul Bangalore Hotel Wi-Fi Deployment

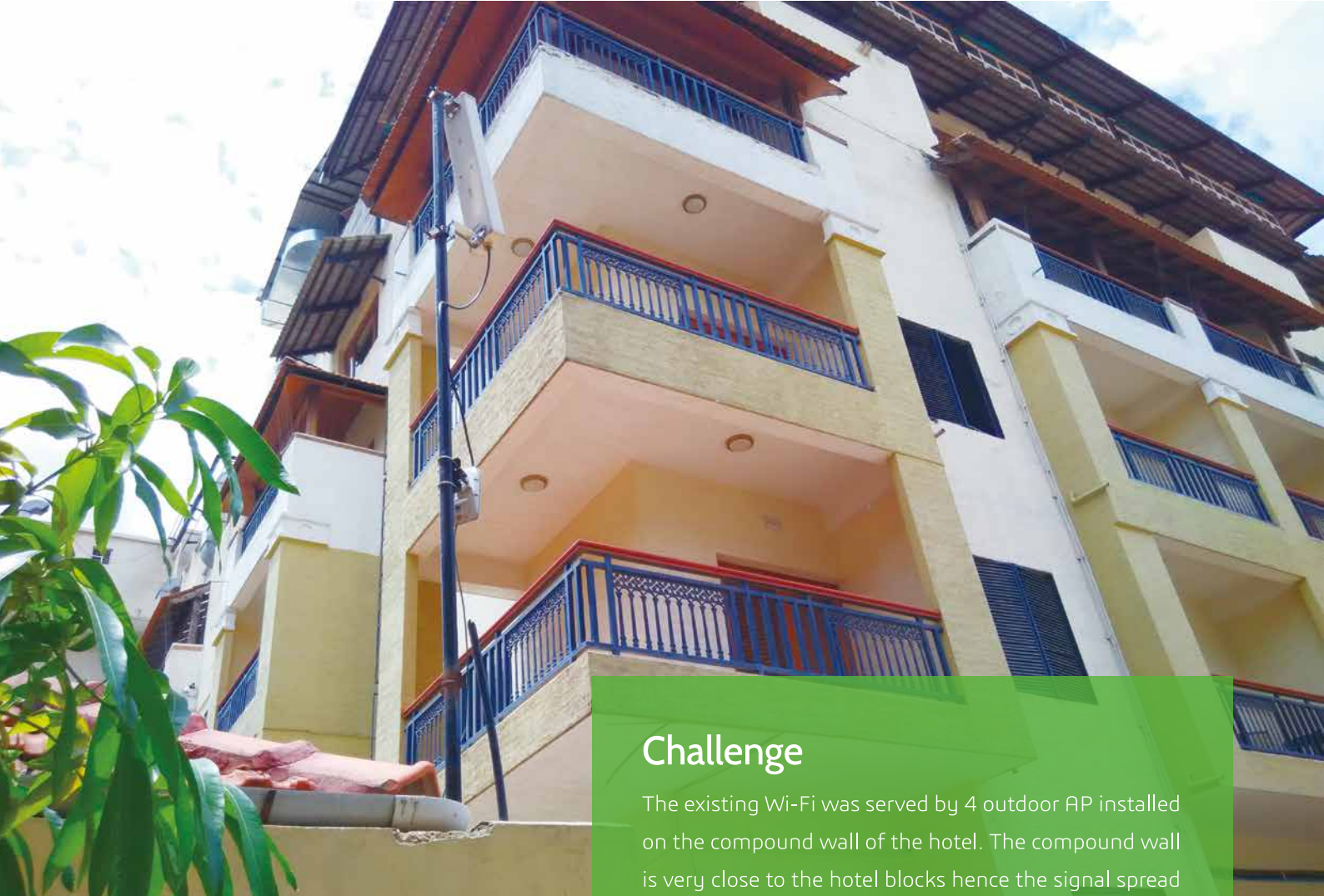
Address: No.77, FuTe West 3 Road, China  
(Shanghai) Pilot Free Trade Zone  
Sales e-mail: [info@wisnetworks.com](mailto:info@wisnetworks.com)  
Web: [www.wisnetworks.com](http://www.wisnetworks.com)  
Community: [community.wisnetworks.com](http://community.wisnetworks.com)



## Overview

Dedicated to creating unique, signature products, The Paul Resorts and Hotels, with a heritage resort in Kerala and a business hotel in Bangalore, has striven over the past twelve years, to provide gracious hospitality with world class facilities. Set in opulent ambience without compromise on quality or exclusivity, each of the properties exemplify personal service. In order to provide best experience of clients, the hotel has new plan improving the Internet / Wi-Fi service with higher speed and better wireless coverage.

3 block apartment building with 4 floors in each block. | Consisting of flats/ apartments | 1/2/3 bed room with dining hall & kitchen



## Challenge

The existing Wi-Fi was served by 4 outdoor AP installed on the compound wall of the hotel. The compound wall is very close to the hotel blocks hence the signal spread and penetration was an issue. Huge black spots in signal were found and by adding more outdoor AP the signal issues could not be addressed.

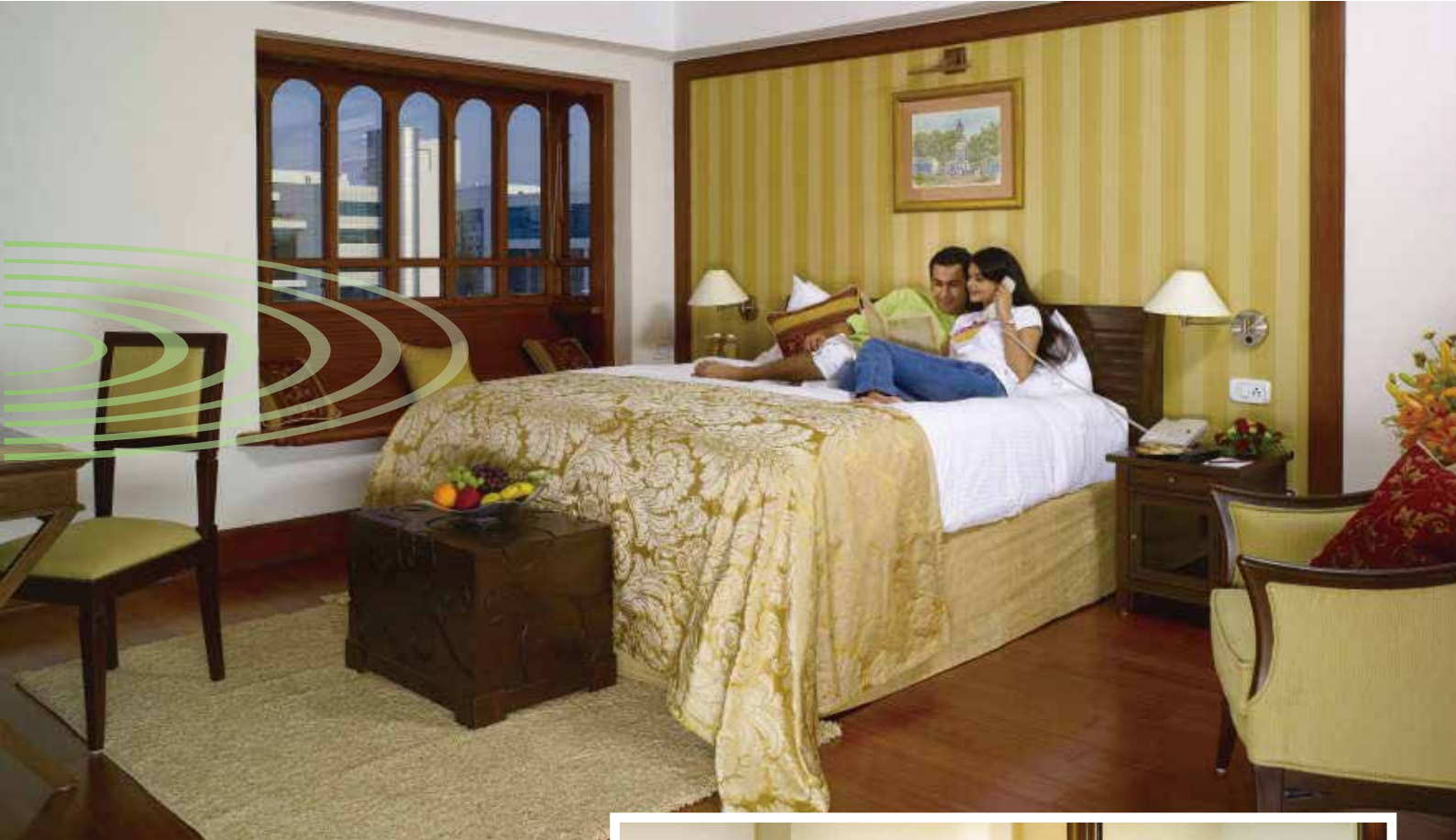
The hotel was considering and tested corridor based AP by mounting ceiling access point but the AP was not able to penetrate into the 2 bedroom and three bedroom flats. The single bedroom flats got partial coverage from an AP in the corridor installed right in front of the flat door.

### Ceiling mount in room issues

- The number of AP are huge ( 68 no) standalone AP maintenance and monitoring was a concern
- For installing the ceiling AP in rooms the client had to draw separate cables to each room AP from the floor switch rack
- Cabling work means down time and they had to block rooms to plan cabling and break POP ceilings and re-paint



\* The poor signal of using outdoor access point



## Solution

Two of WIS-WM2300 installed on to existing data Port near the study table in each bedroom. The signal from the bedroom 1 was covering the hall area and signal from the bedroom 2 was covering the dining area. The WIS-WM2300 is using low power thus only a slight overlapping of signal to adjacent flat was found, which would not cause interference to other nearby clients.



The hotel was able to monitor users connecting to WIS-WM2300 installed in the 2 bedroom flat. The NMS can update firmware and generate reports. By using templates the admin could do the installation and upload profiles.

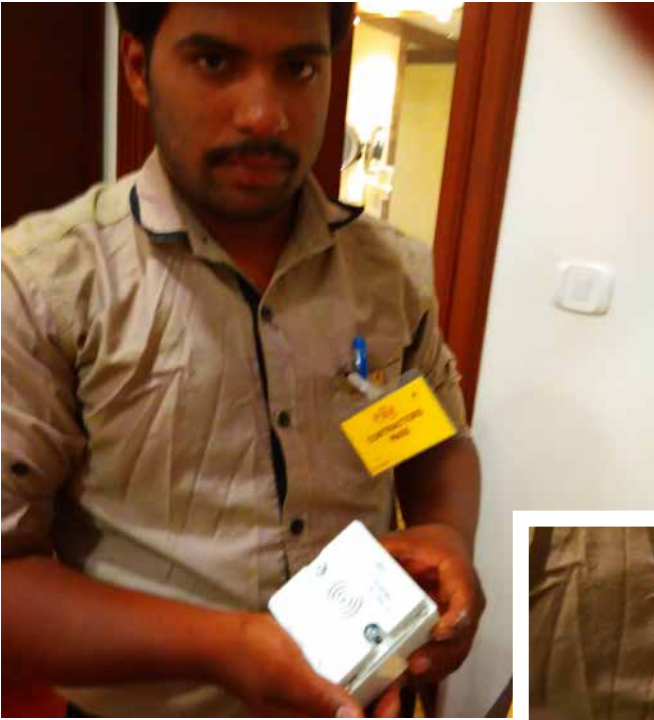
### Engineers & Total Product Used

Alcon- S K Rao Regional Manager

Agileintelli- Technical team - 3 Engineers

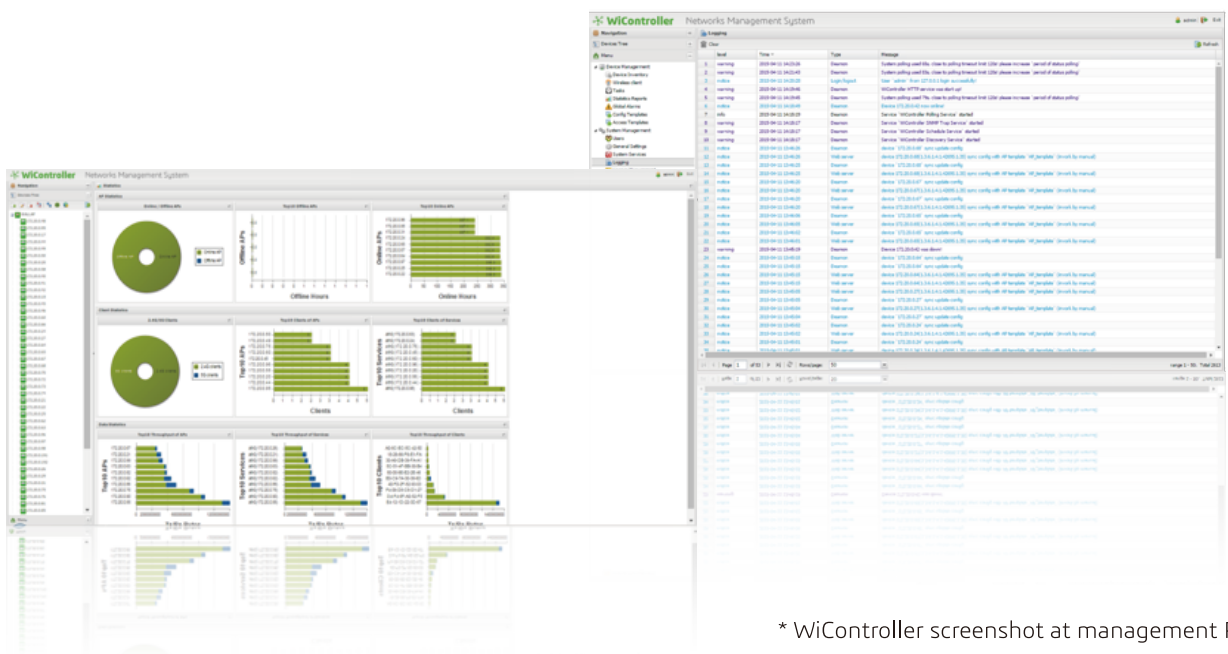
**WIS-WM2300** \* 65

**WIS-CM2300** \* 5



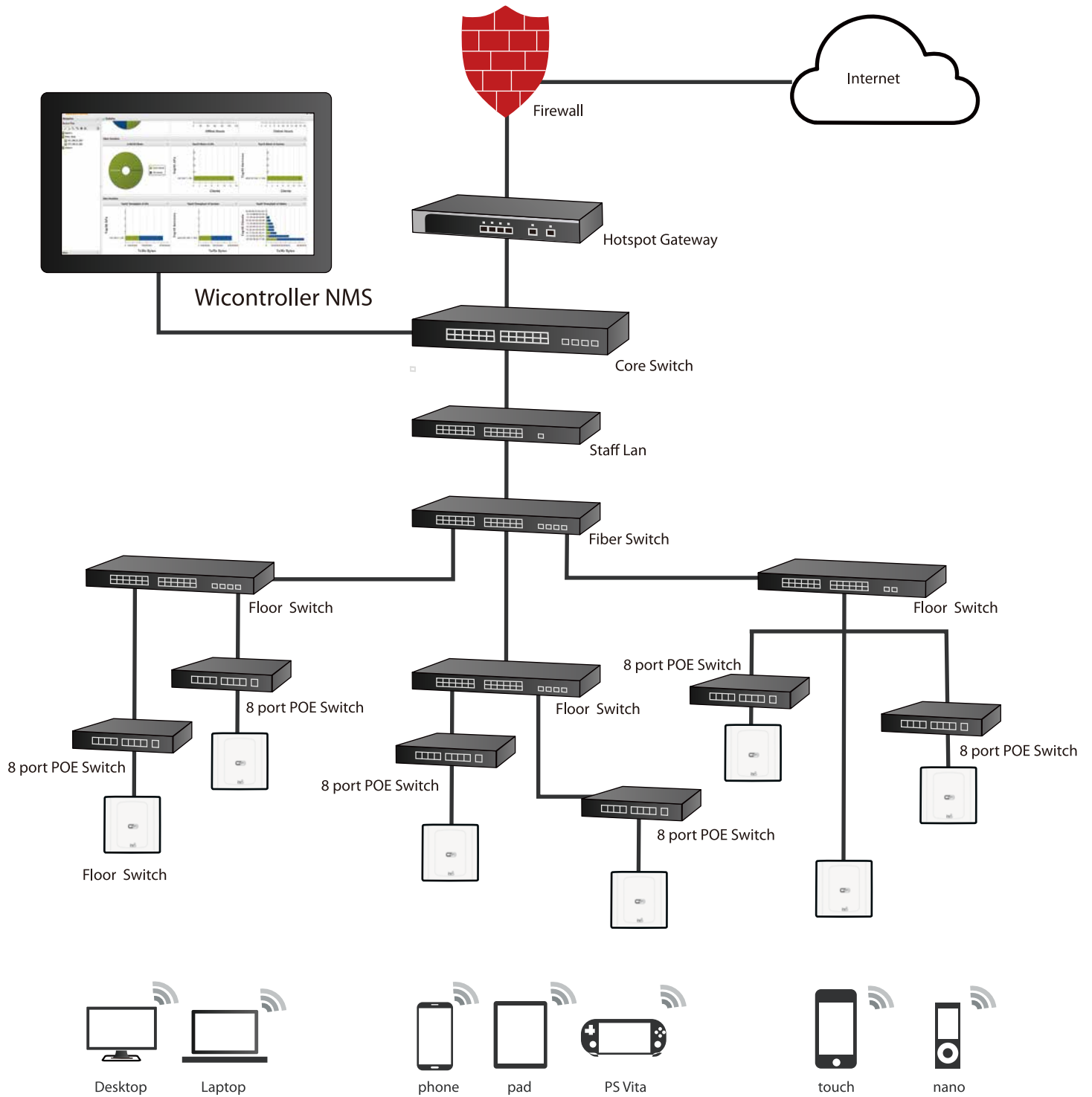
## Deployment & Result

The Challenges at Paul Hotel Running Hotel in operation and the existing Wi-fi is served by some Out door AP were the signal strength reaching the room guest was very weak and had lot of Black Spots and the performance was inconsistent due to Interference between multi brand indoor and out door AP's. Deploying AP in corridor is not feasible as driving separate cables means down time and rooms to be blocked. However the existing network was revamped by trying to add some AP in side rooms but as there was no controller to manage them maintenance means disturbing room guests to attend to AP which were down, even for a firmware upgrade the IT department had to disturb guests. Agileintelli has done a thorough site survey and taking all aspects both technical and commercial into account had proposed WIS-WM2300 with WiController ( a free NMS).



\* WiController screenshot at management PC

# Network Diagram





## Result & IT manager Comments

The IT Manager Mr. Saleem Pasha Comments:



“ **WIS Solution was tested and we were happy with the signal coverage and have decided to deploy as this was the best Solution in terms of technology features and was the most cost effective solution out of all Technologies and Solutions Evaluated!** ”

The IT Manager Mr. Saleem Pasha

Wisnetworks solution offered all the features we needed. The best part of the solution is the wicontroller which was deployed at free of cost. now our guest complaints have come down to 10% (90% of complaints due to signal and throughput issues on our old network were solved) and the wicontroller helps us in addressing any client complaints as it gives us visibility to the health of the network and the client usage and performance.

We are able to respond proactively to issues and performance of the Wi-Fi internet there by enabling us to give good service to our guests. now we get positive feed back on our Wi-Fi from our guests and our

management is happy with the service and support extended by Wisnetworks and there partner Agileintelli and Alcon.

We have now increased our Internet leased line bandwidth based on usage reports and are planning to offer different bill plans basic free of cost and high bandwidth at a cost. Stable and good network has given confidence to roll out paid internet plans and the management is Happy to see the Wi-Fi infra as a revenue generating service instead of being an expense.

**\* Distributor & SI**

Established in 2008, Alcon India is one of the leading Wireless LAN, passive networking, fiber optics, IP video surveillance products manufacturer and solution provider. Alcon India have strategic OEM Partner of Alcon telecommunication , Taiwan , having factory at Taipei , Taiwan , as well as branches and dealers worldwide such as USA, United Kingdom, Middle East and Southeast Asia . Alcon India having premium, professional & platinum series HD IP cameramera range starting from 1.0 megapixel to 5.0 megapixel also having NVR systems to centrally view and record video. Having more than 8 distributors and 300+ system Integrators all over India. Alcon is providing online support and training to the SI partner as well as

**Bhubaneswar Alcon Wireless Pvt. Ltd.**  
**Plot No: 637,1st floor, Saheed Nagar Bhubaneswar-751007 (Odisha)**  
**Phone : 0674 2542313 Cell No: +91 9778584150**  
**Email: sales@alconwireless.co.in**



AgileIntelli Network India pvt Ltd is a unified network communication solution provider having excellent resource team of consultants & solution designer, technology expert, project manager and business professional. when you partner with us, we consider it a serious bond. we work with you to establish an understanding of your business needs and goals. we develop a layout plan of technical achievement to accomplish these goals. we are a result oriented company, with a passion to help our partners and clients in their quest for excellence.

**No.246, 1st Floor,HP gas agency ,Whitefield main road,  
Opp to Xyz Hotel, Bangalore- 560048 .**



## Future Plans of Hotel IT

Mr. Saleem Pasha says we now want to replace the Access points on one more floor and will replace the wi-fi equipment in our Kumarakom Lake Resort located at Kerala.

We will deploy WIS solution at our upcoming project in Coorg as we find the solution can offer the best range of products for both outdoor and indoor needs.



A Wise Solution  
for Wireless Broadband